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Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Mail Stop Amendment
Art Unit 2621

Re: U.S. Utility Patent Application
Application No. 10/647,471; Filed: August 26, 2003
For: **Method and Apparatus for Rolled Fingerprint Image Capture with Variable Blending**
Inventor: Gregory Zyzdryn
Our Ref: 1823.0570000

Sir:

Transmitted herewith for appropriate action are the following documents:

1. Supplemental Information Disclosure Statement;
2. Form PTO-1449 (24 pages) citing 328 documents;
3. Copies of 160 cited documents (excluding cited U.S. patent documents); and
4. One (1) return postcard.

It is respectfully requested that the attached postcard be stamped with the date of filing of these documents, and that it be returned to our courier. The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.

Michael V. Messinger
Attorney for Applicant
Registration No. 37,575

MVM/LMY:krd
Enclosures

445864_1.DOC

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of:

Gregory Zyzdryn

Appl. No.: 10/647,471

Filed: August 26, 2003

For: **Method and Apparatus for Rolled Fingerprint Image Capture with Variable Blending**

Confirmation No.: 2310

Art Unit: 2621

Examiner: Mancuso, Joseph

Atty. Docket: 1823.0570000

Supplemental Information Disclosure Statement

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:

Listed on accompanying Form PTO-1449 are documents that may be considered material to the examination of this application, in compliance with the duty of disclosure requirements of 37 C.F.R. §§ 1.56, 1.97 and 1.98.

Applicant has listed publication dates on the accompanying PTO-1449 based on information presently available to the undersigned. However, the listed publication dates should not be construed as an admission that the information was actually published on the date indicated.

Applicant reserves the right to establish the patentability of the claimed invention over any of the information provided herewith, and/or to prove that this information may not be prior art, and/or to prove that this information may not be enabling for the teachings purportedly offered.

This statement should not be construed as a representation that a search has been made, or that information more material to the examination of the present patent application

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does not exist. The Examiner is specifically requested not to rely solely on the material submitted herewith.

This Information Disclosure Statement is being filed under 37 C.F.R. § 1.97(b) before the mailing date of a first Office Action on the merits. No statement or fee is required.

Documents AH3, AC6, AH9, AL22, AD24, and AF24 were cited in the International Search Report (cited as Document AQ21) prepared by the European Patent Office for counterpart International Application No. PCT/US2004/027448. Submission of the International Search Report (Document AQ21) that indicates the degree of relevance found by the European Patent Office is provided for the convenience of the Examiner.

A concise explanation of the relevance of the non-English language documents appears below:

Document AI4 (JP 62-212892 A) appears to describe a finger print pattern input device. An English-language abstract of document AI4 is cited as Document AQ19.

Document AJ4 (JP 1-205392 A) appears to describe a finger picture input device. An English-language abstract of document AJ4 is cited as Document AL20.

Document AK4 (JP 3-161884 A) appears to describe a finger image input device. An English-language abstract of document AK4 is cited as Document AM20.

Document AH5 (JP 3-194674 A) appears to describe a finger image input device. An English-language abstract of document AH5 is cited as Document AN20.

Document AI5 (JP 3-194675 A) appears to describe a finger image input device. An English-language abstract of document AI5 is cited as Document AO20.

Document AJ5 (JP 11-225272 A) appears to describe an image reader. An English-language abstract of document AJ5 is cited as Document AM21.

Document AK5 (JP 11-289421 A) appears to describe an image reader. An English-language abstract of document AK5 is cited as Document AO21.

Document AK7 (WO 98/09246 A1) appears to describe a method and device for recognizing non-unrolled fingerprints. The cover page of Document AK7 contains an English-language abstract.

Document AK8 (WO 99/40535 A1) appears to describe a method and arrangement for obtaining image information relating to surface structures. The cover page of Document AK8 contains an English-language abstract.

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Document AH9 (DE 101 09 560 A1) appears to describe an apparatus for reading fingerprints. An English-language abstract of document AH9 is cited as Document AP21.

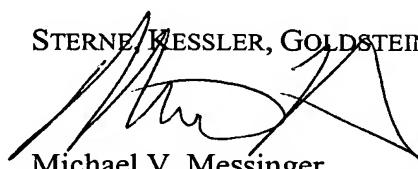
Copies of the 'Foreign Patent' and 'Other' documents cited on the accompanying Form PTO-1449 are provided herewith. However, in accordance with 37 C.F.R. § 1.98(a)(2), copies of the U.S. patents and patent application publications cited on the accompanying Form PTO-1449 are not provided.

It is respectfully requested that the Examiner initial and return a copy of the accompanying Form PTO-1449, and indicate in the official file wrapper of this patent application that the documents have been considered.

The U.S. Patent and Trademark Office is hereby authorized to charge any fee deficiency, or credit any overpayment, to our Deposit Account No. 19-0036.

Respectfully submitted,

STERNE, KESSLER, GOLDSTEIN & FOX P.L.L.C.



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Atty. Docket: 1823.0570000



FORM PTO-1449 SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT			ATTY. DOCKET NO. 1823.0570000		APPLICATION NO. 10/647,471		
			INVENTOR Gregory Zyzdryn				
			FILING DATE August 26, 2003		ART UNIT 2621		
			U.S. PATENT DOCUMENTS				
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA1	2,500,017	03/1950	Altman			
	AB1	3,200,701	08/1965	White			
	AC1	3,475,588	10/1969	McMaster			
	AD1	3,482,498	12/1969	Becker			
	AE1	3,495,259	02/1970	Rocholl <i>et al.</i>			
	AF1	3,527,535	09/1970	Monroe			
	AG1	3,540,025	11/1970	Levin <i>et al.</i>			
FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL	DOC. REF.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AH1	0 101 772 A1	03/1984	EP			N/A
	AI1	0 308 162 A2 & A3	03/1989	EP			N/A
	AJ1	0 379 333 A1	07/1990	EP			N/A
	AK1	0 379 333 B1	07/1995	EP			N/A
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
	AL1	Btt (Biometric Technology Today), Finger technologies contacts, 2 pages.					
	AM1	Drake, M.D. <i>et al.</i> , "Waveguide hologram fingerprint entry device," <i>Optical Engineering</i> , Vol. 35, No. 9, September 1996, pp. 2499-2505.					
	AN1	Roethenbaugh, G. (ed.), <i>Biometrics Explained</i> , 1998, ICSA, pp. 1-34.					
	AO1	<i>Automated Identification Systems</i> (visited May 20, 1999) < http://www.trw.com/idsystems/bldgaccess2.html >, 1 page, Copyright 1999.					
	AP1	<i>Ultra-Scan Corporation Home Page</i> (visited May 20, 1999) < http://www.ultra-scan.com/index.htm >, 3 pages. (discusses technology as early as 1996)					
	AQ1	<i>Profile</i> (last updated August 16, 1998) < http://www.dermalog.de/Britain/Profile/profile.htm >, 3 pages. (discusses technology as early as 1990)					
EXAMINER				DATE CONSIDERED			
EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to Applicant.							

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			U.S. PATENT DOCUMENTS				
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA2	3,617,120	11/1971	Roka			
	AB2	3,699,519	10/1972	Campbell			
	AC2	3,906,520	09/1975	Phillips			
	AD2	3,947,128	03/1976	Weinberger <i>et al.</i>			
	AE2	3,968,476	07/1976	McMahon			
	AF2	3,975,711	08/1976	McMahon			
	AG2	4,032,975	06/1977	Malueg <i>et al.</i>			
FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL	DOC. REF.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AH2	0 623 890 A2 & A3	11/1994	EP			N/A
	AI2	0 623 890 B1	08/2001	EP			N/A
	AJ2	0 653 882 A1	05/1995	EP			N/A
	AK2	0 785 750 B1	06/1999	EP			N/A
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
	AL2	<i>ID-Card System Technical Specifications</i> (last updated July 18, 1998) < http://dermalog.de/Britain/Products/ID-Card/idcard2.htm >, 2 pages.					
	AM2	<i>Fujitsu Limited Products and Services</i> (updated April 21, 1999) < http://www.fujitsu.co.jp/hypertext/Products/index-e.html >, 3 pages, Copyright 1995-1999.					
	AN2	<i>SonyDCam</i> (visited May 20, 1999) < http://www.microsoft.com/DDK/ddkdocs/Win2k/sonydcam.htm >, 3 pages, Copyright 1999.					
	AO2	<i>Verid Fingerprint Verification</i> (visited May 17, 1999) < http://www.tssi.co.uk/products/finger.html >, 2 pages.					
	AP2	<i>Startek's Fingerprint Verification Products: Fingerguard FG-40</i> (visited May 18, 1999) < http://www.startek.com.tw/product/fg40/fg40.html >, 3 pages.					
	AQ2	<i>SAC Technologies Showcases Stand-Alone SAC-Remote(TM)</i> (visited May 18, 1999) < http://www.pathfinder.com/money/latest/press/PW/1998Mar25/1026.html >, 2 pages.					
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA3	4,063,226	12/1977	Kozma et al.			
	AB3	4,120,585	10/1978	DePalma et al.			
	AC3	4,152,056	05/1979	Fowler			
	AD3	4,209,481	06/1980	Kashiro et al.			
	AE3	4,210,899	07/1980	Swonger et al.			
	AF3	4,253,086	02/1981	Szwarcbier			
	AG3	4,322,163	03/1982	Schiller			
FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL	DOC. REF.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AH3	0 889 432 A2 & A3	01/1999	EP			N/A
	AI3	0 905 646 A1	03/1999	EP			N/A
	AJ3	0 924 656 A2	06/1999	EP			N/A
	AK3	2 089 545 A	06/1982	GB			N/A
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
	AL3	"Biometrics, The Future Is Now," www.securitymagazine.com , May 1999, pp. 25-26.					
	AM3	<i>Mytec Technologies Gateway</i> (visited April 27, 1999) < http://www.mytec.com/Products/Gateway/ >, 1 page.					
	AN3	<i>Mytec Technologies Gateway: Features & Benefits</i> (visited April 27, 1999) < http://www.mytec.com/Products/Gateway/features.htm >, 1 page.					
	AO3	<i>Mytec Technologies Touchstone Pro</i> (visited April 27, 1999) < http://www.mytec.com/Products/Touchstone/ >, 1 page.					
	AP3	<i>Mytec Technologies Touchstone Pro: Features</i> (visited April 27, 1999) < http://www.mytec.com/Products/Touchstone/features.htm >, 1 page.					
	AQ3	<i>Electronic Timeclock Systems and Biometric Readers</i> (last updated April 17, 1999) < http://www.lfs-hrbene.com/tclocks.html >, 1 page.					
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA4	4,414,684	11/1983	Blonder			
	AB4	4,537,484	08/1985	Fowler <i>et al.</i>			
	AC4	4,544,267	10/1985	Schiller			
	AD4	4,553,837	11/1985	Marcus			
	AE4	4,601,195	07/1986	Garritano			
	AF4	4,669,487	06/1987	Frieling			
	AG4	4,681,435	07/1987	Kubota <i>et al.</i>			
FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL	DOC. REF.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AH4	2 313 441 A	11/1997	GB			N/A
	AI4	62-212892 A	09/1987	JP			No
	AJ4	1-205392 A	08/1989	JP			No
	AK4	3-161884 A	07/1991	JP			No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
	AL4	<i>Fingerprint Time Clock</i> (visited May 17, 1999) < http://www.lfs-hr-bene.com/Biometrics/Fingerprintclock.html >, 6 pages.					
	AM4	<i>KC-901: The KSI fingerprint sensor</i> (visited May 17, 1999) < http://www.kinetic.bc.ca/kc-901.html >, 3 pages.					
	AN4	<i>INTELNET INC.</i> (visited May 20, 1999) < http://www.intelgate.com/index.html >, 1 page, Copyright 1996.					
	AO4	<i>Ver-i-Fus Fingerprint Access Control Systems</i> (visited May 20, 1999) < http://www.intelgate.com/verifus.htm >, 2 pages. (Ver-i-fus product released in 1995)					
	AP4	<i>Ver-i-fus® Configurations</i> (visited May 20, 1999) < http://www.intelgate.com/verconfig.htm >, 1 page. (Ver-i-fus product released in 1995)					
	AQ4	<i>Ver-i-Fus® & Ver-i-Fus™</i> (visited May 20, 1999) < http://www.intelgate.com/vif_data.htm >, 3 pages. (Ver-i-fus product released in 1995)					
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			U.S. PATENT DOCUMENTS				
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA5	4,684,802	08/1987	Hakenewerth <i>et al.</i>			
	AB5	4,701,772	10/1987	Anderson <i>et al.</i>			
	AC5	4,783,823	11/1988	Tasaki <i>et al.</i>			
	AD5	4,784,484	11/1988	Jensen			
	AE5	4,792,226	12/1988	Fishbine <i>et al.</i>			
	AF5	4,811,414	03/1989	Fishbine <i>et al.</i>			
	AG5	4,876,726	10/1989	Capello <i>et al.</i>			
FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL	DOC. REF.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AH5	3-194674 A	08/1991	JP			No
	AI5	3-194675 A	08/1991	JP			No
	AJ5	11-225272 A	08/1999	JP			No
	AK5	11-289421 A	10/1999	JP			No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
	AL5	Access Control System Configurations (visited May 20, 1999) < http://www.intelgate.com/access.htm >, 2 pages. (Ver-i-fus product released in 1995)					
	AM5	Company (visited May 17, 1999) < http://www.instainfo.com/company.htm >, 2 pages.					
	AN5	TouchLock™ II Fingerprint Identity Verification Terminal (visited May 17, 1999) < http://www.identix.com/TLock.htm >, 4 pages.					
	AO5	Physical Security and Staff Tracking Solutions (visited May 17, 1999) < http://www.identix.com/products/biosecurity.html >, 3 pages, Copyright 1996-1998.					
	AP5	Veriprint2000 Fingerprint Verification Terminal For Use With Jantek Time & Attendance Software (visited May 17, 1999) < http://www.hunterequipment.com/fingerprint.htm >, 2 pages.					
	AQ5	Veriprint Product Applications (visited April 27, 1999) < http://www.biometricid.com/uses.htm >, 1 page, Copyright 1999.					
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			U.S. PATENT DOCUMENTS				
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA6	4,905,293	02/1990	Asai <i>et al.</i>			
	AB6	4,924,085	05/1990	Kato <i>et al.</i>			
	AC6	4,933,976	06/1990	Fishbine <i>et al.</i>			
	AD6	4,942,482	07/1990	Kakinuma <i>et al.</i>			
	AE6	4,946,276	08/1990	Chilcott			
	AF6	4,995,086	02/1991	Lilley <i>et al.</i>			
	AG6	5,054,090	10/1991	Knight <i>et al.</i>			
FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL	DOC. REF.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AH6	WO 87/02491 A1	04/1987	PCT			N/A
	AI6	WO 90/03620 A1	04/1990	PCT			N/A
	AJ6	WO 92/11608 A1	07/1992	PCT			N/A
	AK6	WO 94/22371 A2 & A3	10/1994	PCT			N/A
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
	AL6	<i>BII Home Page</i> (visited April 27, 1999) < http://www.biometricid.com/homepage.htm >, 1 page, Copyright 1999.					
	AM6	<i>Veriprint 2100 Stand-Alone Fingerprint Verification Terminal</i> (visited April 27, 1999) < http://www.biometricid.com/veriprint2100.htm >, 3 pages.					
	AN6	<i>Randall, N., "A Serial Bus on Speed," PC Magazine</i> , May 25, 1999, pp. 201-203.					
	AO6	<i>The DERMALOG Check-ID</i> (visited November 12, 1999) < http://www.dermalog.de/ganzneu/products_check.html >, 1 page.					
	AP6	<i>Check-ID Specifications and Features</i> (visited November 12, 1999) < http://www.dermalog.de/ganzneu/spec_check.html >, 1 page, Copyright 1999.					
	AQ6	<i>Startek's Fingerprint Verification Products: FingerFile 1050</i> (visited October 8, 1999) < http://www.startek.com.tw/product/ff1050/ff1050.html >, 3 pages.					
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	AA7	5,067,162	11/1991	Driscoll, Jr. et al.			
	AB7	5,067,749	11/1991	Land			
	AC7	5,131,038	07/1992	Puhl et al.			
	AD7	5,146,102	09/1992	Higuchi et al.			
	AE7	5,157,497	10/1992	Topper et al.			
	AF7	5,185,673	02/1993	Sobol			
	AG7	5,187,747	02/1993	Capello et al.			
FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL	DOC. REF.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AH7	WO 96/17480 A2 & A3	06/1996	PCT			N/A
	AI7	WO 97/29477 A1	08/1997	PCT			N/A
	AJ7	WO 97/41528 A1	11/1997	PCT			N/A
	AK7	WO 98/09246 A1	03/1998	PCT			No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
	AL7	<i>Time is Money!</i> (visited June 5, 1998) < http://www.iaus.com/afim.htm >, 3 pages.					
	AM7	<i>LS 1 LiveScan Booking Workstation High Performance Finger & Palm Scanning System</i> (visited June 4, 1998) < http://www.hbs-jena.com/ls1.htm >, 6 pages, Copyright 1998.					
	AN7	<i>Welcome to the Homepage of Heimann Biometric Systems GMBH</i> (visited June 4, 1998) < http://www.hbs-jena.com/ >, 1 page, Copyright 1998.					
	AO7	<i>Heimann Biometric Systems Corporate Overview</i> (visited June 4, 1998) < http://www.hbs-jena.com/company.htm >, 4 pages, Copyright 1998.					
	AP7	<i>Remote Access Positive IDentification - raPID</i> (visited June 3, 1998) < http://www.nec.com/cgi-bin/showproduct.exe?pro...emote+Access+Positive+IDentification+%2D+raPID >, 2 pages, Copyright 1997.					
	AQ7	<i>Morpho DigiScan Cellular</i> (visited June 3, 1998) < http://www.morpho.com/products/law_enforcement/digiscan/cellular.htm >, 2 pages, Copyright 1998.					
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			INVENTOR Gregory Zyzdryn				
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U.S. PATENT DOCUMENTS							
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA8	5,210,588	05/1993	Lee			
	AB8	5,222,152	06/1993	Fishbine et al.			
	AC8	5,222,153	06/1993	Beiswenger			
	AD8	5,230,025	07/1993	Fishbine et al.			
	AE8	5,233,404	08/1993	Lougeed et al.			
	AF8	5,249,370	10/1993	Stanger et al.			
	AG8	5,253,085	10/1993	Maruo et al.			
FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL	DOC. REF.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AH8	WO 98/12670 A1	03/1998	PCT			N/A
	AI8	WO 99/12123 A1	03/1999	PCT			N/A
	AJ8	WO 99/26187 A1	05/1999	PCT			N/A
	AK8	WO 99/40535 A1	08/1999	PCT			No
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
	AL8	A.F.I.S. (last updated April 2, 1998) < http://www.dermalog.de/afis.htm >, 2 pages.					
	AM8	<i>Morpho FlexScan™ Workstation</i> (visited June 3, 1998) < http://www.morpho.com/products/law_enforcement/flexscan/ >, 2 pages, Copyright 1998.					
	AN8	True-ID® The LiveScan with special "ability"..., 2 pages.					
	AO8	<i>Printrak International: User List</i> (visited June 3, 1998) < http://www.printrakiinternational.com (and links)>, 10 pages, Copyright 1996.					
	AP8	<i>Live-Scan Products: Tenprinter® 1133S</i> (visited April 23, 1999) < http://www.digitalbiometrics.com/Products/tenprinter.htm >, 4 pages. (Tenprinter 1133S released in 1996)					
	AQ8	<i>TouchPrint™ 600 Live-Scan System</i> (visited November 17, 1999) < http://www.identix.com/products/livescan.htm >, 4 pages, Copyright 1996-1998.					
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	AA9	5,261,266	11/1993	Lorenz <i>et al.</i>			
	AB9	5,285,293	02/1994	Webb <i>et al.</i>			
	AC9	5,291,318	03/1994	Genovese			
	AD9	Des. 348,445	07/1994	Fishbine <i>et al.</i>			
	AE9	5,351,127	09/1994	King <i>et al.</i>			
	AF9	Des. 351,144	10/1994	Fishbine <i>et al.</i>			
	AG9	5,363,318	11/1994	McCauley			
FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL	DOC. REF.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AH9	101 09 560 A1	09/2002	DE			No
	AI9						
	AJ9						
	AK9						
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
	AL9	Systems for Live-Scan Fingerprinting, Digital Biometrics, Inc., 8 pages, Copyright 1998.					
	AM9	DBI FingerPrinter CMS™, Digital Biometrics, Inc., 5 pages. (CMS™ released in 1998)					
	AN9	Fingerscan V20, Identix Incorporated, 1 page, Copyright 1999.					
	AO9	Verid® Fingerprint Reader, TSSI, 4 pages.					
	AP9	Response to Request for Information, Cross Match Technologies, Inc., 13 pages, April 14, 1999.					
	AQ9	Startek's Fingerprint Verification Products (visited November 17, 1999) < http://www.startek.com.tw/product/index.html >, 1 page.					
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	AA10	5,384,621	01/1995	Hatch <i>et al.</i>			
	AB10	5,412,463	05/1995	Sibbald <i>et al.</i>			
	AC10	5,416,573	05/1995	Sartor, Jr.			
	AD10	5,448,649	09/1995	Chen <i>et al.</i>			
	AE10	5,467,403	11/1995	Fishbine <i>et al.</i>			
	AF10	5,469,506	11/1995	Berson <i>et al.</i>			
	AG10	5,471,240	11/1995	Prager <i>et al.</i>			
FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL	DOC. REF.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AH10						
	AI10						
	AJ10						
	AK10						
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
	AL10	<i>Introduction to Startek's Fingerprint Verification Products</i> (visited November 17, 1999) < http://www.startek.com.tw/product/index2.html >, 2 pages.					
	AM10	<i>Automatic Fingerprint Identification Systems</i> (visited November 17, 1999) < http://www.sagem.com/en/produit4-en/empreinte-dig-en.htm >, 1 page.					
	AN10	<i>Digital Biometrics Corporate Information</i> (visited November 17, 1999) < http://www.digitalbiometrics.com/Corporate_info/Corporate_info.htm >, 2 pages. (discusses technology as early as 1985)					
	AO10	<i>DBI Live-Scan Products: Digital Biometrics TENPRINTER®</i> (visited November 17, 1999) < http://www.digitalbiometrics.com/products/tenprinter.htm >, 4 pages. (Tenprinter released in 1996)					
	AP10	<i>DBI Live-Scan Products: NETWORKING OPTIONS</i> (visited November 17, 1999) < http://www.digitalbiometrics.com/products/networking_options.htm >, 3 pages.					
	AQ10	<i>DBI Live-Scan Products: Digital Biometrics FingerPrinter CMS™</i> (visited November 17, 1999) < http://www.digitalbiometrics.com/products/FingerPrinterCMS.htm >, 3 pages. (CMS™ released in 1998)					
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	AA11	5,473,144	12/1995	Mathurin, Jr.			
	AB11	5,483,601	01/1996	Faulkner			
	AC11	5,509,083	04/1996	Abtahi <i>et al.</i>			
	AD11	5,517,528	05/1996	Johnson			
	AE11	5,528,355	06/1996	Maase <i>et al.</i>			
	AF11	5,548,394	08/1996	Giles <i>et al.</i>			
	AG11	5,591,949	01/1997	Bernstein			
FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL	DOC. REF.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AH11						
	AI11						
	AJ11						
	AK11						
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
	AL11	DBI Live-Scan Products: Image Printer Stations (visited November 17, 1999) < http://www.digitalbiometrics.com/products/imageprinter.htm >, 2 pages.					
	AM11	DBI Live-Scan Products: FC-21™ Fingerprint Capture Station (visited November 17, 1999) < http://www.digitalbiometrics.com/products/Fingerprintcapture.htm >, 2 pages.					
	AN11	Series 400 OEM Scanner (visited November 17, 1999) < http://www.ultra-scan.com/400.htm >, 3 pages. (Scanner released in 1996)					
	AO11	USC Scanner Design (visited November 17, 1999) < http://www.ultra-scan.com/scanner.htm >, 4 pages. (Scanner released in 1996)					
	AP11	Series 500/600 Scanners (visited November 17, 1999) < http://www.ultra-scan.com/500.htm >, 3 pages. (Scanner released in 1996)					
	AQ11	Series 700 ID Station (visited November 17, 1999) < http://www.ultra-scan.com/700.htm >, 3 pages. (Scanner released in 1998)					
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	AA12	5,596,454	01/1997	Hebert			
	AB12	5,598,474	01/1997	Johnson			
	AC12	5,613,014	03/1997	Eshera et al.			
	AD12	5,615,277	03/1997	Hoffman			
	AE12	5,625,448	04/1997	Ranalli et al.			
	AF12	5,640,422	06/1997	Johnson			
	AG12	5,649,128	07/1997	Hartley			
FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL	DOC. REF.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AH12						
	AI12						
	AJ12						
	AK12						
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
	AL12	<i>Identix: The Corporation</i> (visited November 17, 1999) < http://www.identix.com/corporate/home.htm >, 2 pages, Copyright 1996-1998.					
	AM12	<i>Biometric Imaging Products</i> (visited November 17, 1999) < http://www.identix.com/products/bioimage.htm >, 1 page, Copyright 1996-1998.					
	AN12	<i>TouchPrint™ 600 Live-Scan System</i> (visited April 23, 1999) < http://www.identix.com/products/livescan.htm >, 4 pages, Copyright 1996-1998.					
	AO12	<i>TouchPrint™ 600 Palm Scanner</i> (visited November 17, 1999) < http://www.identix.com/products/palmscan.htm >, 3 pages, Copyright 1996-1998.					
	AP12	<i>TouchPrint™ 600 Card Scan System</i> (visited November 17, 1999) < http://www.identix.com/products/cardscan.htm >, 3 pages, Copyright 1996-1998.					
	AQ12	<i>DERMALOG KEY - The safest and easiest way of access control</i> (last updated July 18, 1998) < http://www.dermalog.de/Britain/Products/Key/key.htm >, 1 page.					
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	AA13	5,650,842	07/1997	Maase et al.			
	AB13	5,661,451	08/1997	Pollag			
	AC13	5,680,205	10/1997	Borza			
	AD13	5,689,529	11/1997	Johnson			
	AE13	5,717,777	02/1998	Wong et al.			
	AF13	5,729,334	03/1998	Van Ruyven			
	AG13	5,736,734	04/1998	Marcus et al.			
FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL	DOC. REF.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AH13						
	AI13						
	AJ13						
	AK13						
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
	AL13	<i>DERMALOG FINGER-ID Your small size solution for high security (last updated July 18, 1998)</i> < http://www.dermalog.de/Britain/Products/Finger/fingerid.htm >, 1 page.					
	AM13	<i>Mytec: Corporate</i> (visited November 17, 1999) < http://www.mytec.com/corporate/ >, 2 pages.					
	AN13	<i>Kinetic Sciences Inc. Fingerprint Biometrics Division</i> (visited November 17, 1999) < http://www.kinetic.bc.ca/main-FPB.html >, 1 page.					
	AO13	<i>Fingerprint Biometrics: Securing The Next Generation</i> , May 19, 1999, (visited November 17, 1999) < http://www.secugen.com/pressrel.htm >, 2 pages.					
	AP13	<i>SecuGen Unveils Fully Functional Fingerprint Recognition Solutions</i> , May 11, 1999, (visited November 17, 1999) < http://www.secugen.com/pressrel.htm >, 3 pages.					
	AQ13	<i>POLLEX Technology Ltd., The Expert in Fingerprint Identification - POLLog</i> (visited November 17, 1999) < http://www.pollex.ch/english/products/pollog.htm >, 2 pages.					
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA14	5,745,684	04/1998	Oskouy <i>et al.</i>			
	AB14	5,748,766	05/1998	Maase <i>et al.</i>			
	AC14	5,748,768	05/1998	Sivers <i>et al.</i>			
	AD14	5,755,748	05/1998	Borza			
	AE14	5,757,278	05/1998	Itsumi			
	AF14	5,767,989	06/1998	Sakaguchi			
	AG14	5,778,089	07/1998	Borza			
FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL	DOC. REF.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AH14						
	AI14						
	AJ14						
	AK14						
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
	AL14	<i>Sony Fingerprint Identification Terminal</i> (visited November 17, 1999) < http://www.iosoftware.com/biosols/sony/fiu/applications/fit100.htm >, 2 pages.					
	AM14	<i>Sony Fingerprint Identification Unit (FIU-700)</i> (visited November 17, 1999) < http://www.iosoftware.com/biosols/sony/fiu700/index.htm >, 2 pages. (Unit available late 1999)					
	AN14	<i>Sony Fingerprint Identification Unit</i> (visited November 17, 1999) < http://www.iosoftware.com/biosols/sony/fiu/index.htm >, 3 pages.					
	AO14	<i>Fujitsu Fingerprint Recognition Device (FPI-550)</i> (visited November 17, 1999) < http://www.iosoftware.com/biosols/fujitsu/fpi550.htm >, 2 pages.					
	AP14	<i>Mitsubishi MyPass LP-1002</i> (visited November 17, 1999) < http://www.iosoftware.com/biosols/mitsubishi/mypass.htm >, 2 pages.					
	AQ14	<i>SecureTouch PV - A Personal "Password Vault"</i> (visited November 17, 1999) < http://www.biometricaccess.com/securetouch_pv.htm >, 1 page.					
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA15	5,781,647	07/1998	Fishbine <i>et al.</i>			
	AB15	5,793,218	08/1998	Oster <i>et al.</i>			
	AC15	5,801,681	09/1998	Sayag			
	AD15	5,805,777	09/1998	Kuchta			
	AE15	5,809,172	09/1998	Melen			
	AF15	5,812,067	09/1998	Bergholz <i>et al.</i>			
	AG15	5,815,252	09/1998	Price-Francis			
FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL	DOC. REF.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AH15						
	AI15						
	AJ15						
	AK15						
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
	AL15	<i>Digital Descriptor Systems, Inc.-Profile</i> (visited November 17, 1999) < http://www.ddsicpc.com/pages/profile.html >, 3 pages.					
	AM15	<i>Press Release: Printrak International Announces New Portable Fingerprint ID Solution</i> , December 10, 1996, (visited November 17, 1999) < http://www.scott.net/~dg/25.htm >, 3 pages.					
	AN15	<i>Corporate Profile</i> (visited November 17, 1999) < http://www.printrakinternational.com/corporate.htm >, 1 page.					
	AO15	<i>Printrak Products</i> (visited November 17, 1999) < http://www.printrakinternational.com/Products.htm >, 1 page. (discusses technology as early as 1974)					
	AP15	<i>Verifier™ 200 Fingerprint Capture Devices</i> , Cross Match Technologies, Inc., 2 pages, 1996-1997.					
	AQ15	<i>Verifier 200 Direct Fingerprint Reader</i> , Cross Check Corporation, 2 pages, 1996-1997.					
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	AA16	5,818,956	10/1998	Tuli			
	AB16	5,822,445	10/1998	Wong			
	AC16	5,825,005	10/1998	Behnke			
	AD16	5,825,474	10/1998	Maase			
	AE16	5,828,773	10/1998	Settlak <i>et al.</i>			
	AF16	5,832,244	11/1998	Jolley <i>et al.</i>			
	AG16	5,848,231	12/1998	Teitelbaum <i>et al.</i>			
FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL	DOC. REF.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AH16						
	AI16						
	AJ16						
	AK16						
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
	AL16	Verifier™ 250 Fingerprint Capture Devices, Cross Match Technologies, Inc., 2 pages, 1996-1997.					
	AM16	Verifier 250 Small Footprint Direct Fingerprint Reader, Cross Check Corporation, 2 pages, 1996-1997.					
	AN16	Verifier™ 290 Fingerprint Capture Devices, Cross Match Technologies, Inc., 2 pages, 1996-1997.					
	AO16	Verifier 290 Direct Rolled Fingerprint Reader, Cross Check Corporation, 2 pages, 1996-1997.					
	AP16	Verifier™ 500 Fingerprint Capture Devices, Cross Match Technologies, Inc., 2 pages, 1998.					
	AQ16	Biometric terminal, 1 page.					
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	AA17	5,855,433	01/1999	Velho <i>et al.</i>			
	AB17	5,859,420	01/1999	Borza			
	AC17	5,859,710	01/1999	Hannah			
	AD17	5,862,247	01/1999	Fisun <i>et al.</i>			
	AE17	5,867,802	02/1999	Borza			
	AF17	5,869,822	02/1999	Meadows, II <i>et al.</i>			
	AG17	5,872,834	02/1999	Teitelbaum			
FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL	DOC. REF.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AH17						
	AI17						
	AJ17						
	AK17						
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
	AL17	10-Print Imaging System, Cross Check Corporation, 2 pages, 1998.					
	AM17	<i>Cross Match Technologies, Inc.</i> (visited March 25, 1999) < http://www.crossmatch.net/ >, 1 page.					
	AN17	<i>Cross Match Technologies, Inc. - Products Overview</i> (visited March 25, 1999) < http://www.crossmatch.net/new/products/product-index.html >, 1 page.					
	AO17	<i>Cross Match Technologies, Inc. - Law Enforcement Systems</i> (visited March 25, 1999) < http://www.crossmatch.net/new/law/law-index.html >, 2 pages.					
	AP17	<i>Cross Match Technologies, Inc. - Commercial Systems: Building On The Standard</i> (visited March 25, 1999) < http://www.crossmatch.net/new/commercial/commercial-index.html >, 2 pages.					
	AQ17	<i>Cross Match Technologies, Inc. - International Sales</i> (visited March 25, 1999) < http://www.crossmatch.net/new/sales/sales-index.html >, 1 page.					
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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
	AA18	5,892,599	04/1999	Bahuguna			
	AB18	5,900,993	05/1999	Betensky			
	AC18	5,907,627	05/1999	Borza			
	AD18	5,920,384	07/1999	Borza			
	AE18	5,920,640	07/1999	Salatino <i>et al.</i>			
	AF18	5,928,347	07/1999	Jones			
	AG18	5,942,761	08/1999	Tuli			
FOREIGN PATENT DOCUMENTS							
EXAMINER INITIAL	DOC. REF.	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AH18						
	AI18						
	AJ18						
	AK18						
OTHER (Including Author, Title, Date, Pertinent Pages, etc.)							
	AL18	<i>Cross Match Technologies, Inc. - Support</i> (visited March 25, 1999) < http://www.crossmatch.net/new/support/support-index.html >, 1 page.					
	AM18	<i>Cross Match Technologies, Inc. - News - Press Releases - Verifier 400 Press Release</i> (visited March 25, 1999) < http://www.crossmatch.net/new/news/news-pr-050798.html >, 1 page.					
	AN18	<i>Global Security Fingerscan™ System Overview</i> (visited January 11, 2000) < http://www.wwwnet.com/mpb/sol/g/a9.htm >, 12 pages.					
	AO18	<i>"Command Structure for a Low-Cost (Primitive) Film Scanner," IBM Technical Disclosure Bulletin</i> , IBM Corp., Vol. 35, No. 7, December 1992, pp. 113-121.					
	AP18	<i>Fingerprint Scan API Toolkit Version 1.x Feature List</i> (April 26, 2000) < http://www.mentalix.com/api/archive_fapiv1.htm >, 3 pages.					
	AQ18	<i>"Image Acquisition System," IBM Technical Disclosure Bulletin</i> , IBM Corp., Vol. 29, No. 5, October 1986, pp. 1928-1931 (3 pages).					
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			INVENTOR Gregory Zyzdryn				
			FILING DATE August 26, 2003		ART UNIT 2621		
			U.S. PATENT DOCUMENTS				
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	AA19	5,946,135	08/1999	Auerswald <i>et al.</i>			
	AB19	5,960,100	09/1999	Hargrove			
	AC19	5,973,731	10/1999	Schwab			
	AD19	5,974,162	10/1999	Metz <i>et al.</i>			
	AE19	5,987,155	11/1999	Dunn <i>et al.</i>			
	AF19	5,991,467	11/1999	Kamiko			
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	AL19	Kunzman, Adam J. and Wetzel, Alan T., "1394 High Performance Serial Bus: The Digital Interface for ATV," <i>IEEE Transactions on Consumer Electronics</i> , IEEE, Vol. 41, No. 3, August 1995, pp. 893-900.					
	AM19	<i>Mentalix Provides The First IAFIS-Certified Latent Print Scanning Solution For Windows®</i> (July 23, 1999) < http://www.mentalix.com/pressreleases/fprintplook3_prel.htm >, 2 pages.					
	AN19	Sluijs, F. et al., "An On-chip USB-powered Three-Phase Up/down DC/DC Converter in a Standard 3.3V CMOS Process," <i>2000 IEEE International Solid-State Circuits Conference</i> , IEEE, February 9, 2000, pp. 440-441.					
	AO19	Venot, A. et al., "Automated Comparison of Scintigraphic Images," <i>Journal of Nuclear Medicine</i> , Vol. 27, No. 8, August 1986, pp. 1337-1342.					
	AP19	English-language Abstract for Japanese Patent Publication No. 59-103474, published June 14, 1984, printed from espacenet.com , 1 page.					
	AQ19	English-language Abstract for Japanese Patent Publication No. 62-212892, published September 18, 1987, printed from espacenet.com , 1 page.					
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	AA20	5,999,307	12/1999	Whitehead et al.			
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	AL20	English-language Abstract for Japanese Patent Publication No. 1-205392, published August 17, 1989, printed from espacenet.com, 1 page.					
	AM20	English-language Abstract for Japanese Patent Publication No. 3-161884, published July 11, 1991, printed from espacenet.com, 1 page.					
	AN20	English-language Abstract for Japanese Patent Publication No. 3-194674, published August 26, 1991, printed from espacenet.com, 1 page.					
	AO20	English-language Abstract for Japanese Patent Publication No. 3-194675, published August 26, 1991, printed from espacenet.com, 1 page.					
	AP20	English-language Abstract for Japanese Patent Publication No. 10-079017, published March 24, 1998, printed from espacenet.com, 1 page.					
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	AL21	English-language Abstract for Japanese Patent Publication No. 11-167630, published June 22, 1999, printed from espacenet.com, 1 page.					
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	AL22	Zhou, Jie <i>et al.</i> , "Effective algorithm for rolled fingerprint construction," <i>Electronics Letters</i> , IEE, Stevenage, UK, Vol. 37, No. 8, April 12, 2001, pp. 492-494.					
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	AE23	6,204,331 B1	03/2001	Sullivan <i>et al.</i>			
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